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Attorney Docket No. 19[illegible]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application	) PATENT APPLICATION
Inventors: David B. Geohegan et al.	)
Application No.: Not Yet Assigned	) Art Unit: Not Yet Assigned
Filed: November 26, 1999	) Examiner: Not Yet Assigned
Title: Condensed Phase Conversion And Growth Of Substantially Cylindrical Nanostructures and Other Materials	)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

X This statement qualifies under *37 C.F.R. §1.97*, subsection (b) because (check all that apply):

X	(1)	It is being filed within 3 months of the application filing date
		-- OR --
—	(2)	It is being filed within 3 months of entry of a national stage
		-- OR --
—	(3)	It is being filed before the mail date of the first Office Action on the merits.

___ *37 C.F.R. §1.97(c).* If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

___ a certification as specified in §1.97(e) is provided below; **or**

___ a fee of $240.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

___ *37 C.F.R. §1.97(d).* If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:

A. a certification as specified in §1.97(e) is completed below; **and**

B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**

C. a fee of $130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

X *Fee Authorization.* The Commissioner is hereby authorized to charge the above-referenced fees of $ 0 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 23-2415 (Docket No. 19867-726).

Respectfully submitted,

WILSON SONSINI GOODRICH & ROSATI

Date: Nov 26, '99

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INFORMATION DISCLOSURE CITATION PTO-1449	ATTY. DOCKET NO. 19867-726	SERIAL NO. Not Yet Assigned
	APPLICANT David B. Geohegan et al.	
	FILING DATE November 26, 1999	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Colbert, D.T., et al., "Growth and Sintering of Fullerene Nanotubes", Science, Vol. 266, pp. 1218-1222., Nov. 1994
	Yudasaka, M. , et al., "Mechanism of the Effect of NiCo, Ni and Co Catalysts on the Yield of Single-Wall Carbon Nanotubes Formed by Pulsed Nd:YAG Laser Ablation", J. Phys. Chem B, 103, pp. 6224-6229, May 13, 1999
	Lockheed Martin Today, Vol. 5, No. 5, May 1999.
	Ren, Z.F., et al.,"Large Arrays of Well-Aligned Carbon Nanotubes", (Abstract),Document ID No. 31618, 1999 Fall Meeting, Symposium U: Amorphous and Nanostructured Carbon. , June 19, 1999
	Geohegan, David B., et al., "Time-Resolved Measurements of Carbon Nanotube Synthesis By Laser Ablation", (Abstract), MRS 1999 Fall Meeting, Symposium U: Amorphous and Nanostructured Carbon, June 22, 1999
	Yudasaka, M., et al., "Formation Mechanism of Single-Wall Carbon Nanotubes", (Abstract), Document ID No. 31059, 1999 Fall Meeting, Symposium U: Amorphous and Nanostructured Carbon, June 18, 1999.
	Setler, A.A., et al., "Making Multiwalled Carbon Nanotubes Using Heat Treatment", (Abstract), Document ID No. 30443, 1999 Fall Meeting, Symposium U: Amorphous and Nanostructured Carbon, June 15, 1999
	Tsui Frank et al., "Molecular Beam Epitaxy Synthesis of Carbon Nanotubes", (Abstract), Document ID No. 33365, 1999 Fall Meeting, Symposium U: Amorphous and Nanostructured Carbon, June 21, 1999
	Jacques, David, et al., "Synthesis and Growth Mechanisms of Multiwalled Nanotubes", (Abstract), Document ID No. 31069, 1999 Fall Meeting, Symposium U: Amorphous and Nanostructured Carbon, June 18, 1999.
	Smith, Brian W., "Synthesis of C$ (60)$ Chains Contained Within Carbon Nanotubes", (Abstract), Document ID No. 30850, 1999 Fall Meeting, Symposiuim U: Amorphous and Nanostructured Carbon, June 17, 1999
	Gao, Y., et al., "Dense Arrays of Well-Aligned Carbon Nanotubes Completely Filled With Single Crystalline Titanium Carbide Wires On Titanium", (Abstract), Document ID No. 31900, 1999 Fall Meeting, Symposium U: Amorphous and Nanostructured Carbon, June 20, 1999.
	Bando, Yoshio, et al., "Single- and Multi-Walled Boron Nitride Nanotubes Produced From Carbon Nanotubes By A Substitution Reaction", (Abstract), Document ID No. 29815, 1999 Fall Meeting, Symposium U: Amorphous and Nanostructured Carbon, June 7, 1999

EXAMINER	DATE CONSIDERED